

Please type a plus sign (+) inside this box

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 112025-0167

First Inventor or Application Identifier Darren Kerr et al.

Title INSTRUCTION DECODE MECHANISM FOR PIPELINE STAGE  
REGISTER ADDRESSING

Express Mail Label No. EL024696651US

APPLICATION ELEMENTS  
See MPEP chapter 600 concerning utility application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 20]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) [Total Sheets 5]
4. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. 37 C.F.R. § 3.73(b) Statement (when there is ☒ Power of Attorney an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ \*Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired  
(PTO/SB/09-12)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C. F. R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C. F. R § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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Registration No. (Attorney/Agent) 32,959

Signature

Date

September 3, 1999

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$ 818

## Complete If Known

Application Number	Not Yet Assigned
Filing Date	September 3, 1999
First Named Inventor	Darren Kerr et al.
Examiner Name	Not Yet Assigned
Group / Art Unit	Not Yet Assigned
Attorney Docket No.	112025-0167

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

03-1237

Deposit  
Account  
Name

Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:

☒ Check ☐ Money ☐ Other Order

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
101	760 201	380		Utility filing fee	760
106	310 206	155		Design filing fee	
107	480 207	240		Plant filing fee	
108	760 208	380		Reissue filing fee	
114	150 214	75		Provisional filing fee	
SUBTOTAL (1) (\$)					760

#### 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
21	3		20**	1 x 18 = 18	18
			3**	0 x 78 = 0	0
					0

\*\*or number previously paid, if greater; For Reissues, see below

#### Large Entity Small Entity

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description
103	18 203	9		Claims in excess of 20
102	78 202	39		Independent claims in excess of 3
104	260 204	130		Multiple dependent claim, if not paid
109	78 209	39		**Reissue independent claims over original patent
110	18 210	9		**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 18

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid
105	130 205	65		Fee Surcharge - late filing fee or oath	
127	50 227	25		Surcharge - late provisional filing fee or cover sheet	
139	130 139	130		Non-English Specification	
147	2,520 147	2,520		For filing a request for reexamination	
112	920 112	920*		Requesting publication of SIR prior to Examiner action	
113	1,840 113	1,840*		Requesting publication of SIR after Examiner action	
115	110 215	55		Extension for reply within first month	
116	380 216	190		Extension for reply within second month	
117	870 217	435		Extension for reply within third month	
118	1,360 218	680		Extension for reply within fourth month	
128	1,850 128	925		Extension for reply within fifth month	
119	300 219	150		Notice of Appeal	
120	300 220	150		Filing a brief in support of an appeal	
121	260 221	130		Request for oral hearing	
138	1,510 138	1,510		Petition to institute a public use proceeding	
140	110 240	55		Petition to revive - unavoidable	
141	1,210 241	605		Petition to revive - unintentional	
142	1,210 242	605		Utility Issue fee (or reissue)	
143	430 243	215		Design Issue fee	
144	580 244	290		Plant Issue fee	
122	130 122	130		Petitions to the Commissioner	
123	50 123	50		Petitions related to provisional applications	
126	240 126	240		Submission of Information Disclosure Statement	
581	40 581	40		Recording each patent assignment per property (times number of properties)	40
146	760 246	380		Filing a submission after final rejection (37 CFR 1.129(a))	
149	760 249	380		For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)					
Other fee (specify)					
SUBTOTAL (3) (\$ 40					

\*Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Typed or  
Printed Name

Charles J. Barbas

Signature

*Charles J. Barbas*

Date

September 3, 1999

### Complete (if applicable)

Reg. Number

32, 959

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Darren Kerr et al. )  
Serial No.: Not Yet Assigned ) Examiner: Not Yet Assigned  
Filed: September 3, 1999 )  
For: INSTRUCTION DECODE ) Art Unit: Not Yet Assigned  
MECHANISM FOR PIPELINE )  
STAGE REGISTER ADDRESSING )  
Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
September 3, 1999

**EXPRESS-MAIL DEPOSIT**

"Express Mail" Mailing-Label Number: EL024696651US

The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Patent Application ( 20 pages including 21 claims )  
X Declaration and Power of Attorney X Fee Transmittal Letter  
X Utility Patent Application Transmittal X Assignment With Recordation Form  
Cover Sheet  
X Informal Drawing ( 5 sheets ) X Check in the amount of \$760.00  
X Check in the amount of \$40.00